

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of claims:

Claim 1 (currently amended). A method for mounting a printing master in the form of a foil or film on a printing form cylinder, which comprises:

making ready a new print job with a given printing-image length by releasing an unwinding spool;

activating a drive for the unwinding spool for moving the printing master a prescribed length in circumferential direction of the printing form cylinder on a circumferential surface of the printing form cylinder by drawing the printing master to a rewinding spool;

braking the unwinding spool to build up tension in the printing master;

locating an image start of a preceding print job on the circumferential surface of the printing form cylinder facing the rewinding spool;

providing a control device for activating the drive for the unwinding spool;

producing data in the control device regarding the length to be spooled forward, before activating the drive for the unwinding spool;

fixing the rewinding spool and the unwinding spool, after advancing the printing master the prescribed length, for insuring tension in the printing master; ~~and~~ .

determining a value of the length of the printing master to be spooled forward, being at most equal to a length of a printing image of the immediately preceding print job plus a printing image spacing; and

calculating in a preceding print job, wherein partial images are present in the form of digital data, the length of the printing master to be spooled forward, by determining, for a partial image, the spacing of a screening pixel lying farthest away from the image start in the circumferential direction of the printing form cylinder.

Claim 2 (original). The method according to claim 1, which further comprises determining the printing image spacing by applying at least one of the following variables:

a correction value for mechanical slip and for tolerances in the drive of the rewinding spool;

a residual material length of the printing master;

a safety spacing; and

a correction value for the spacing of teeth of a toothed directional locking mechanism connected to the unwinding spool for fixing the unwinding spool after the printing master has been advanced.

Claim 3 (original). The method according to claim 2, which further comprises basing the safety spacing on empirically determined statistical values.

Claim 4 (original). The method according to claim 2, which further comprises determining remaining possible print jobs from the residual material length.

Claim 5 (cancelled).

Claim 6 (currently amended). The method according to claim 5 1, which further comprises determining the spacing during imaging of the printing master for the preceding print job by counting and buffer-storing, column by column, cycles required in the circumferential direction when producing screening pixels on the printing master, and determining a maximum value of the cycle numbers, buffer-stored column by column, across all of the columns of color separation, and applying that maximum value when calculating the length to be spooled forward.

Claim 7 (currently amended). The method according to claim 5 1, which further comprises determining the spacing by simulating imaging of the printing master for the preceding print job.